

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1056	349/43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 08:52
S2	1211	349/143	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:50
S3	669	349/187	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:51
S4	1545	pixel with (amorphous or polycrystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:27
S5	1059	(pixel with (amorphous or polycrystal)) and thick\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 08:50
S6	744	(pixel with (amorphous or polycrystal)) and thick\$5 and (thermal\$4 or temperature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:52
S7	0	(pixel with (amorphous or polycrystal)) and (thick\$5 with galvanic) and (thermal\$4 or temperature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 08:56
S8	412	(pixel with (amorphous or polycrystal)) and thick\$5 and (thermal\$4 or temperature) and (H2 or hydrogen or H2O or water)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:52
S9	367	(pixel with (amorphous or polycrystal)) and thick\$5 and (thermal\$4 or temperature) and (H2 or hydrogen or H2O or water) and (liquid adj crystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 09:00

## EAST Search History

S10	90	(pixel with (amorphous or polycrystal)) and thick\$5 and (thermal\$4 or temperature) and (H2 or hydrogen or H2O or water) and (liquid adj crystal) and pad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:53
S11	186	(pixel with (amorphous or polycrystal))and 349/43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:55
S12	153	(pixel with (amorphous or polycrystal))and 349/43 and thick\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 10:59
S13	47	(pixel with (amorphous or polycrystal))and 349/143 and thick\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:56
S14	26	(pixel with (amorphous or polycrystal))and 349/187 and thick\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:56
S15	410	(pixel with (amorphous or polycrystal))and "349"/\$.ccls. and thick\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 10:59
S16	891	(pixel with (amorphous or polycrystal))and (liquid adj crystal) and thick\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 11:00
S17	43	(pixel with (amorphous or polycrystal) with (ITO or IZO))and (liquid adj crystal) and (pixel with thick\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:54
S18	1	(pixel with (amorphous or polycrystal))and (liquid adj crystal) and (pixel with thick\$4) and US-20010010370-A1.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 15:50

## EAST Search History

S19	1	(pixel with (amorphous or polycrystal))and (liquid adj crystal) and (pixel with thick\$4) and (US-20010019376-A1.DID. and ((pixel with (amorphous or polycrystal) with (ITO or IZO))and (liquid adj crystal) and (pixel with thick\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 15:51
S20	1	(pixel with (amorphous or polycrystal))and (liquid adj crystal) and (pixel with thick\$4) and US-20010019376-A1.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 15:51
S21	2	(pixel with (amorphous or polycrystal)) and (thick\$5 same galvanic) and (thermal\$4 or temperature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/15 15:37
S22	324	(pixel with (amorphous or polycrystal))and (liquid adj crystal) and (pixel with thick\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 17:12
S23	18	(pixel with polycrystal)and (liquid adj crystal) and (pixel with thick\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/13 16:07
S24	45	((pixel with amorphous) with (ITO or IZO))and (liquid adj crystal) and (pixel with thick\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/23 15:03
S25	66	(pixel with (amorphous))and 349/143	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/23 17:48
S26	137	(pixel with (amorphous) with (ITO or IZO))and (liquid adj crystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/07/23 17:56
S27	691253	(material for pixel electrode of LCD and etching method thereof).ti.	US-PGPUB; USPAT	OR	OFF	2003/07/24 09:02
S28	31568	(material for pixel electrode of LCD and etching method thereof).ti. and amorphous	US-PGPUB; USPAT	OR	OFF	2003/07/24 09:14
S29	234	(material for pixel electrode of LCD and etching method thereof).ti. and amorphous and IZO and ITO	US-PGPUB; USPAT	OR	OFF	2004/08/12 11:03

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S30	23	(material for pixel electrode of LCD and etching method thereof).ti. and amorphous and IZO and ITO and LG. as.	US-PGPUB; USPAT	OR	OFF	2004/03/15 15:35
S31	1	"20020085142".pn.	US-PGPUB	OR	ON	2003/12/05 16:23
S32	236	(pixel with (amorphous or polycrystal))and 349/43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/12/08 15:56
S33	236	(pixel with (amorphous or polycrystal))and 349/43	US-PGPUB; USPAT; JPO	OR	ON	2003/12/08 15:56
S34	70	(pixel with (amorphous or polycrystal))and 349/143	US-PGPUB; USPAT; JPO	OR	ON	2003/12/08 15:56
S35	39	(pixel with (amorphous or polycrystal))and 349/187	US-PGPUB; USPAT; JPO	OR	ON	2003/12/08 15:56
S36	349	(material for pixel electrode of LCD and etching method thereof).ti. and amorphous and IZO and ITO	US-PGPUB; USPAT; JPO	OR	OFF	2004/03/15 15:36
S37	0	((pixel with (amorphous or polycrystal)) near10 galvanic) and (Drain near10 single)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/15 15:39
S38	2	((pixel with (amorphous or polycrystal)) and galvanic) and (Drain near10 single)	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 15:39
S39	2	((pixel with (amorphous or polycrystal)) and galvanic) and (Drain with single)	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 15:55
S40	2	((pixel near10 (amorphous or polycrystal)) and galvanic) and (Drain with single)	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 15:57
S41	2	((pixel near10 (amorphous or polycrystal)) and galvanic) and (Drain near10 single)	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 15:57
S42	2	(pixel near10 (amorphous or polycrystal)) and galvanic and (Drain near10 single)	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 15:58
S43	86	(pixel near10 (amorphous or polycrystal)) and (Drain near10 single)	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 16:22
S44	6	(pixel and (amorphous or polycrystal)) and (Drain near10 single) and galvanic	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 16:13

## EAST Search History

S45	1	(pixel and (amorphous near10 conduct\$4)) and (Drain near10 single) and galvanic	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 16:15
S46	0	(pixel near (amorphous near10 conduct\$4)) and (Drain near10 single) and galvanic	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 16:15
S47	80	(pixel near10 (amorphous)) and (Drain near10 single)	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 16:57
S48	2	(pixel near10 (amorphous)) and (Drain near10 single) and galvanic	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 16:23
S49	0	(pixel near10 (amorphous adj transparent)) and (Drain near10 single)	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 16:58
S50	1	(pixel same (amorphous adj transparent)) and (Drain near10 single)	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 17:13
S51	0	(pixel near10 (amorphous adj transparent)) and (Drain near10 single)	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 17:14
S52	1	(pixel and (amorphous adj transparent)) and (Drain near10 single)	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 17:34
S53	41	(pixel and (amorphous near10 transparent)) and (Drain near10 single)	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 17:45
S54	4901	amorphous near10 transparent	US-PGPUB; USPAT; JPO	OR	ON	2004/08/12 10:58
S55	0	(pixel near10 (amorphous near2 transparent)) and (Drain near10 single)	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 17:45
S56	196	amorphous near2 ITO	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 17:46
S57	76	(amorphous near2 ITO) and pixel	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 17:53
S58	1	"5105291".pn.	US-PGPUB; USPAT; JPO	OR	ON	2004/03/15 17:53
S59	1	"6682658".pn.	USPAT	OR	OFF	2004/08/05 18:04
S60	0	JP2000-095436.ap.	JPO	OR	OFF	2004/08/05 18:06
S61	0	JP095436.ap.	JPO	OR	OFF	2004/08/05 18:33

## EAST Search History

S62	0	(amorphous polycrystal\$4) near10 thick\$4 near10 galvanic near10 stripper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/05 18:35
S63	7	(pixel near10 (amorphous or polycrystal)) and galvanic	US-PGPUB; USPAT; JPO	OR	ON	2004/08/06 09:20
S64	7	(pixel near10 (amorphous or polycrystal)) and galvanic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/06 11:05
S65	11	(amorphous or polycrystal) near10 galvanic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/12 11:41
S66	22	("3486217"   "4009947"   "4643518"   "4963012"   "4965121"   "5019458"   "5143796"   "5215832"   "5216551"   "5344718"   "5361172"   "5377045"   "5424876"   "5514476"   "5521765"   "5548440"   "5557462"   "5563734"   "5583704"   "5699188"   "5751474"   "5789847").PN.	USPAT	OR	OFF	2004/08/06 11:19
S67	4	pixel near10 (amorphous polycrystal\$4) near10 transparent near10 thick\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/12 11:00
S68	40481	(material for pixel electrode of LCD and etching method thereof).ti. and (amorphous polycrystal\$4) and thick\$4	US-PGPUB; USPAT	OR	OFF	2004/08/12 11:04
S69	40	pixel near10 (amorphous polycrystal\$4) near10 thick\$4	US-PGPUB; USPAT	OR	OFF	2004/08/12 11:05
S70	11	(amorphous or polycrystal) near10 galvanic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/12 11:41
S71	4	((pixel with (amorphous or polycrystal)) near10 thick\$5) and (thermal\$4 or temperature) and (H2 or hydrogen or H2O or water) and (liquid adj crystal) and pad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/12 12:19

## EAST Search History

S72	4	((pixel near10 (amorphous or polycrystal)) near10 thick\$5) and (thermal\$4 or temperature) and (H2 or hydrogen or H2O or water) and (liquid adj crystal) and pad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/12 12:20
S73	81	((pixel near10 (amorphous or polycrystal)) and thick\$5) and (thermal\$4 or temperature) and (H2 or hydrogen or H2O or water) and (liquid adj crystal) and pad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/12 14:34
S74	2	"6081308".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/12 14:38
S75	3	"6337520".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/12 14:38
S78	2	"20020085142".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/30 14:59
S79	656	amorphous and galvanic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 17:13
S80	696	amorphous and galvanic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 17:13
S81	126	amorphous and galvanic and (liquid adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 18:00
S82	0	(amorphous near10 galvanic) and (liquid adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 17:14

## EAST Search History

S83	0	(amorphous near20 galvanic) and (liquid adj crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 18:01
S84	18	(amorphous near20 galvanic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 18:01
S85	1751	349/43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:50
S86	1056	349/143	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:50
S87	1025	349/187	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:51
S88	2909	pixel with (amorphous or polycrystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:51
S89	1446	(pixel with (amorphous or polycrystal)) and thick\$5 and (thermal\$4 or temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:52
S90	821	(pixel with (amorphous or polycrystal)) and thick\$5 and (thermal\$4 or temperature) and (H2 or hydrogen or H2O or water)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:52



## EAST Search History

S91	159	(pixel with (amorphous or polycrystal)) and thick\$5 and (thermal\$4 or temperature) and (H2 or hydrogen or H2O or water) and (liquid adj crystal) and pad	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:53
S92	71	(pixel with (amorphous or polycrystal) with (ITO or IZO))and (liquid adj crystal) and (pixel with thick\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:54
S93	282	(pixel with (amorphous or polycrystal))and 349/43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:55
S94	40	(pixel with (amorphous or polycrystal))and 349/187 and thick\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:56
S95	68	(pixel with (amorphous or polycrystal))and 349/143 and thick\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/19 10:56
S96	9488	galvanic and thick\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:27
S97	2651	galvanic same thick\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 15:27
S98	6	(pixel with (amorphous or polycrystal)) and (galvanic same thick\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:43

## EAST Search History

S99	668	(pixel electrode) and (galvanic same thick\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:46
S10 0	63	(pixel electrode) and (galvanic same thick\$5) and (liquid adj crystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:46
S10 1	185	(pixel electrode) and (galvanic near10 thick\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:46
S10 2	8	(pixel electrode) and (galvanic near10 thick\$5)and (liquid adj crystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:47
S10 3	1	"20020085142".pn.	US-PGPUB	OR	ON	2006/03/29 12:47
S10 4	1	"6839114".pn.	USPAT	OR	ON	2006/03/29 12:48